SF
523
M675
no. 32

FIFTY-SEVENTH ANNUAL

PRICE LIST

—OF—

ITALIAN BEES,

QUEENS

—AND—

BEE KEEPERS' SUPPLIES

ALBERT R. MANN
LIBRARY
AT
CORNELL UNIVERSITY

F. COOMBS & SONS

GUILFORD, VT. BRATTLEBORO, VT.

Established in 1860

SHOUT
SHARE
IT

Key to System of Hive Numbers.

For the convenience of our customers, we have used for a number of years a system whereby the wording of hive orders is greatly simplified and the liability of error lessened. Each hive and part of a hive is known by a certain letter or number, and any combination of hives may easily be designated by the proper group of letters and numbers. In ordering and billing goods this saves a great amount of writing. For instance, suppose a customer desires to order five ten-frame hives with old-style ⅞ inch bottom board, metal-roof cover, and metal bound super-cover, with frames having foundation for one-inch starters, a super with inside fixtures complete, taking 4x5x1⅞ sections and one-inch foundation starters, the item would be "5BRc64M—10." If, instead of the old-style bottom, he wanted the Danzenbaker bottom it would be "5ARc64M—10."

In most cases the letter is suggested by the name of the article for which it stands, while in some it is simply arbitrary. For instance: B for bottom, C for combination, C for cover, D for Danzenbaker, E for Excelsior, F for flat, G for gable, P for plain, S for slotted, W for winter, etc. The great majority will easily understand the numbering scheme, and will be saved a lot of unnecessary labor in describing what they wish to order, while those who do not understand it do not need to use it. They may describe the articles wanted if they prefer to do so. In the table of prices we describe each hive as regularly furnished, giving the designating letters and figures in the first column to the right. If you want some other kind of cover or bottom than the regular style, change the letter in the regular designating numbers to the one which stands for your choice: as shown in the example above.

1 before a letter designates a super with section-holders, separators, sections, and full sheets of foundation.
2 before a letter designates a super with section-holders, separators, but no sections or foundation.
3 before a letter designates a super with section-holders, separators, and sections, but no foundation.
4 before a letter designates a super with section holders, separators, sections, and one-inch foundation starters.
5 designates a hive-body or brood-chamber with frames and followers or division board, no foundation.
6 designates a hive-body or brood chamber, with frames and follower or div-board with 1-inch fdn. starters.
7 designates a hive-body or brood chamber, with frames and follower or div-board with full sheets foundation.
—8 following any letter or figure combination of letters and figures, designates the 8-frame width (13⅞in.) or size.
8 designates a super with shallow (5⅜ in.) frames and follower, no foundation.
9 designates a super with shallow (5⅜ in.) frames and follower, with 1-inch foundation starters.
0 designates a super with shallow (5⅜ in.) frames and follower, with full sheets of foundation.
—10 following any letter, figure or combination of letters and figures, designates 10-frame width (16¼ in.) or size.
—CARY following any letter, figure or combination of letters and figures, designates Cary width (16 in.) or size.
—LANG following any letter, figure or combination of letters or figures, designates Langstroth (width 16¼) or size.
Any figures repeated means a duplicate of the super or body for which that figure stands.
A designates the Danzenbaker bottom-board, Figure 711.
B designates the old style ⅞ inch bottom-board.
C designates the combined bottom and hive stand.
c designates the metal-bound super cover. Fig. 714.
D before a figure designates the Danzenbaker body or shallow body or super.
E designates the Excelsior cover. Fig. 321.
F designates the flat board cover cleated both ends. Shown page 18.
G designates the ventilated gable cover. Fig. 524.
H designates the single hive-stand.
I following a figure designates the style of super taking the ideal section 3⅝x5x1⅞. It also designates the style of fence used in such super.
J before a figure designates the Jumbo or extra deep body or brood-chamber taking 11¼-inch frames.
K designates the deep (11¼-inch) telescope cap with metal top.
L following a figure designates the eight-frame deep super taking 4x5 sections crosswise, and also designates the fence used in such super.
M following a figure designates the Danzenbaker super taking 4x5 sections. It also designates the Danzenbaker fence used in such super.
N following a figure, designates the new super taking 4¼x4¾x1⅞ sections in N section-frames with N fences.
P following a figure, designates the new super taking plain sections 4¼x4¼ square. It also designates the fence used in such super.
R designates the metal-roofed cover. Fig 602.
S following a figure designates the super taking slotted or beeway sections 4¼x4¼ square.
T designates a super with T tins, also fence used in such super.
f designates the chaff-tray used in a chaff hive.
V designates the loose bottom to double or winter hive.
U designates the double hive-stand with legs.
W designates the double walled or winter hive.
Y designates the regular (8-inch) cover for double walled hives.

Announcement for 1917

We take great pleasure in presenting this 57th annual price list of Bees, Queens, and Bee-keepers' supplies ; the goods offered you in this and the accompanying 64 page catalog of Root's Goods for 1917 will completely supply your wants for the season at very reasonable prices if you consider quality and our facilities for serving you, which is unequalled. By carefully reading these catalogs you will find if you are not already posted in progressive Bee-keeping, much that will be to you both instructive and interesting. We handle Root's goods in car lots which enables us to offer these goods at manufacturers' prices ; this makes a saving to the purchaser in time and transportation charges, and entitles you to the best that money can buy.

BEES. Of all the different races of bees yet brought to America there are none that can equal the Italians. In 1860 Wm. W. Cary, Sr., went to Flushing, Long Island, and cared for the first successful importation of Italian bees to America. It was from the original importation that he made a selection of ten nice colonies and brought them to Lyonsville into the apiary we purchased and they have proven the superior qualities claimed for by German Beekeepers before their introduction to America or here.

DO BEES INJURE GRAIN OR FRUIT? Many people contend that bees are an injury to Buck-wheat by taking away the substance that would be formed into grain. What are the facts ? The flowers open and honey is secreted, if the bees do not gather it, it is wasted. Now what is the difference to the plant whether the honey is lost in this way or it is collected by the bees ? If there is any difference the advantage appears to be in favor of collection by the bees for the reason that it thus answers an important end to the economy of nature consistent with bee provisions in ten thousand different ways in adopting means to end. Abundant authority may be cited to show that instead of being a hindrance to the perfect development of grain or fruit, bees are indispensable in the aid they give in fertilization. The man with a fruit farm or green house, and the gardener can no longer get along without the busy bee.

BEES FOR PROFIT AND PLEASURE. If one is situated in a locality where the wild bees are in the woods, their fruit blossoms will be visited more or less by them, but one that is fore-sighted will readily see the advantage of the honey bee to the fruit blossoms and will have a few Italians in his back yard or green-house, and he will find that they are not only a source of profit financially but the pleasure alone derived from watching the busy workers will pay him for all the trouble he has been to in caring for them.

NUCLEI FULL COLONIES We can furnish bees in one, two, three and five-frame nuclei, and full colonies in Cary Simplicity, Langstroth Simplicity, eight and ten frame Dovetailed or Danzenbaker hive, also in pound and half pound packages. The nuclei are put up in light shipping boxes made of basswood, the top and bottom are covered with wire cloth ; this makes a very light package, with plenty of ventilation and strong enough to stand shipment any reasonable distance. They invariably go through with little or no loss. Bees by the pound are shipped in light wire covered packages, which enables the purchaser to secure a minimum express charge.

QUEENS 3 BANDS ITALIANS Of all the different races, we know of none better. Since 1866 this strain has been used in preference to any other in the apiary we have purchased. For our New England climate they are universally recommended. We have one of the best locations in the country for purely mating queens. We have either bought or Italianized all the bees within mating distance of our apiary and we now seldom have one mismated, as there are few bees in the woods in this locality.

HIVES The simplicity hives are made in two sizes known as the Cary Simplicity and Langstroth Simplicity, for short Cary Sim. and Lang. Sim. The Cary Sim. is 16 in. x 17 in. x 11½ in. deep and takes a brood frame 10¾ x 14 outside dimensions. The Lang. Sim. is 16¼ in. x 20 in. x 9½ in. deep and takes a brood frame 9⅛ x 17⅝ outside dimensions. These hives are equipped with metal spaced, Hoffman end spacing, or free hanging frames and metal roof covers, and ⅜ in. metal bound super cover, designated Rc.

HIVES AND SUPERS For the convenience of our customers, we are listing the Simplicity hives and supers in the table form, using letters and figures in describing the same ; each hive or part of a hive is known by a certain letter or number as described in the **KEY TO SYSTEM OF HIVE NUMBERS** found on inside of front cover, with the description and cuts of each hive and super. We feel sure that no one will have trouble in ordering by numbers and letters. The customers may describe the article wanted if they wish. The Simplicity hives which have been on the market for over 50 years are as yet preferred by many, particularly the Cary size, which is more especially adapted to our New England climate, for successful wintering of the bees. These hives are made in the most thorough manner and of the best white pine, supers are fitted to take the beeway or plain sections. Each super is rabbited to fit the hive, which is a special feature of this outfit. By this you are able to hold several supers to each hive without danger of their being easily knocked out of place as is apt to be the case with the flat surface super.

SHIPPING FACILITIES All goods will be packed and delivered to the railroad station free of charge. Our Railroad Station is Brattleboro and is a Union Station of the B. & M., also the C. V., which means a prompt and direct freight to you. Letters may be addressed to Guilford or Brattleboro as one may prefer.

SPECIAL. Parties in ordering or asking information should exercise great care to specify which style and size of super, brood-frames, section holders, foundation, etc., as it is frequently necessary to hold orders two or three days and write the party in regard to the size or style of some article before we can ship the complete order ; also give specific directions on order blank provided for same.

PARCEL POST TERMS When ordering goods by mail refer to Parcel Post on third cover page to the accompanying catalog. Special attention will be given mail orders. Our terms are strictly cash with orders. We pay cash for all materials therefore must ask that cash accompany each order. Please do not ask for credit, it will save time and avoid extra correspondence.

HOW TO REMIT Send money by draft on New York or Boston banks, American or Adams express orders, or postoffice money orders on Brattleboro office, and always remember to make payable to F. Coombs & Sons.

BEESWAX We are always in the market for beeswax, and parties having any which they desire to sell or exchange for supplies, will please write us.

In shipping us beeswax always put your name and address inside and on outside of package and mark "wax." Pack either in double bags, boxes or barrels, securely fastened.

If you have any difficulty in making up your order, determining the correct prices, etc., send us a list of the articles wanted and we will make you an estimate showing exact cost.

ITALIAN BEES AND QUEENS.

The wild bee has become a thing of the past and is considered by most people as inferior. Among the other races, the Italians are universally recommended. They are certainly finer, stronger, more active, and are noted for their clever disposition and superior quality as honey gatherers. They are also less liable to contract bee disease. If you do not already have the Italian bees we urge you to procure pure bred Italian queens and Italianize them. We will breed the Domestics and Imported Leather color strains this season and develop the honey gathering qualities of these strains. Our stock is selected because of the uniform marking and the working qualities. You will find our stock unsurpassed for gentleness, industry and hardiness.

Prices of Full Colonies.

	OCT. TO JULY	JULY TO OCT.
Colony in 10 fr. Cary simplicity hive with queen -	$10.00	$8 00
Colony in 10 fr. Langstroth simplicity hive with dueen	11.00	9.00
Colony in 10 fr. Dovetailed hive with queen -	11.00	9.00
Colony in 10 fr. Danzenbacker hive with queen -	11.00	9.00
Colony in 8 fr. Dovetailed hive with queen	10.00	8.00

A good laying queen is included in the above prices. If tested queen is wanted add $1.00. All bees will be shipped on good straight worker comb built from full sheets of foundation, in wired frames.

Nuclei.

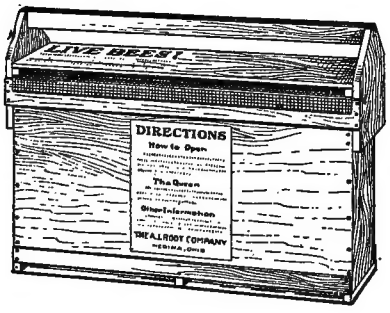


Fig. 1

We can furnish one, two, three, and five frame nuclei. The nuclei are put up in light shipping boxes made of basswood, the sides of which are only 3-16 inch thick, and the end ½ inch. The top and bottom are covered with wire cloth. This makes a very light package, affords plenty of ventilation, and is strong enough to stand shipping. The bees so put up almost invariable go through in good order with little or no loss.

Any of the nuclei, even the one frame, will make a good strong colony if conditions are favorable. If the three or five frame nuclei are properly managed one will be surprised at the results that can be attained in one season, and further you will have a stock of the choicest Italians.

NOTE. In ordering bees on the frames be sure to specify which style frame you wish, or give a description of the hive you wish to put them in.

Price of Nuclei

	OCT. TO JULY	JULY TO OCT.
1 frame without queen - - - - - -	$3.00	$2.00
2 frame without queen - - - - - -	4.50	3.00
3 frame without queen - - - - - -	5.50	3.50
5 frame without queen - - - - - -	6.50	4.50

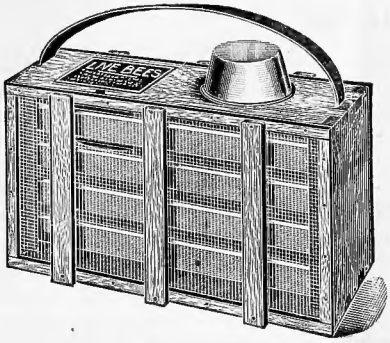
We can supply with the nuclei any of the queens mentioned in the list. Parties buying an extra select queen or any high priced queen will do well to have her come in a nucleus.

Send 10c for booklet No. 4 "Handling Bees"

There is very little mystery in the art of handling bees for the initiated. This little book gives concise and practical information on how to attain skill in this fascinating work.

Not Responsible

We can assume no responsibility if any of the nuclei should develop disease, owing to the fact that foul brood already exists in a good many localities and is liable to break out in others from infection already present in such localities. Our bees are under constant inspection. We take extraordinary precautions and guarantee that no disease is present in any of our yards at time shipment is made. In addition to this will say our bees are inspected each year by our State Foul Brood Inspector or his deputies. According to our Vermont State law we are not allowed to ship bees from any yard until it has been given a clean bill of health by State Inspector. To those who desire further precaution we would advise them to purchase bees by the pound after June 1st.



Bees by the Pound

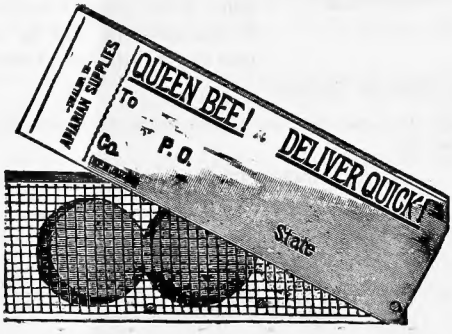
We have been having an unusual large call the past few seasons for bees by the pound and half pound packages, and it is a very good way to get a start, if you have old combs or odd size frames you wish to use. The express charges are small in comparison to express charges on nuclei or full colonies. We have spared no pains to get as light a package as possible and yet strong enough to stand shipping. We cannot take a pound of bees from a colony in May or fore part of June without ruining the whole colony, consequently we cannot ship bees without comb before June 1.

Table of Prices of Bees by the Pound

½ lb. package of bees, June	$2.00	½ lb. package July to Oct.	$1.25
1 lb. package of bees, June	3.00	1 lb. package July to Oct.	2.00
2 lb. package of bees, June	5.00	2 lb. package July to Oct.	3.25
3 lb. package of bees, June	6.00	3 lb. package July to Oct.	4.00

No queen is supplied at the above prices. You may select from the list and add her price to the above prices.

N. B.—Queens sent in neucleus colonies and packages of bees by the pound will usually be caged to prevent injury in transit or danger of loss in removing from the shipping box to hive. Remove all queen cells that may be started before liberating the queen.



Italian Queen

We are breeding only from the best strains of three banded Italians in an endeavor to develop a strain of bees that are gentle and also possesses marked honey-gathering qualities. The greatly increased demand for our queens and the large number of pleased customers warrants us in stating that the queens we are now breeding are noted for prolificness and honey-gathering qualities.

Send 10c for booklet No. 2 "Inmates of the Hive."

Our stock is selected because of the uniform marking and the excellent working qualities of the bees. We do not aim to rear queens that will produce light bees, but for gentleness, industry and hardiness. We have procured queens from the apiaries of many prominent breeders to cross in with our old strain to avoid in and in breeding and shall spare no pains in rearing the finest queens that can be reared.

We shall breed the Domestic and Leather Color Queens this season and shall endeavor by careful selection from year to year to improve the honey gathering qualities of these strains. We wish to say that our queen rearing yard is situated in one of the finest localities for purely mating our queens as we have either bought or Italianized all of the bees within mating distance of our apiary, and we seldom have one mismated as there are few wild bees in the woods in this vicinity. All queens are reared in strong prolific colonies and mated in strong nuclei, and laying before they are sent out.

Our hives are all numbered and duplicate numbers put on each package, and a record kept of all queens sent out. If any prove impure we shall know before the purchaser. All queens sold by us are warranted fertile. Safe arrival by mail guaranteed. In order that persons may avail themselves of this guarantee in case of accident, they must in all cases notify us by return mail and return dead queen.

All complaints for impure queens must be made within thirty days of receipt of queens. We shall commence shipping queens June 1st to 10th. We cannot raise them earlier in this locality and get good ones only in very favorable seasons. Directions for introducing queens will be found on back of queen tag.

Dark Leather Color Queens. These are raised from Queen Mother's Imported from Italy and are very prolific and gentle. They are usually quite dark in color, but some are quite yellow and will send these to those who prefer this kind.

Domestic Queens. These are raised from a selected Breeder from Root's Domestic strain and noted for their gentleness and Honey gathering qualities.

Untested Queens. These are shipped as soon as they begin to lay with no guarantee to replaee if they prove impurely fertilized.

Warranted Queens. These are reared and shipped same as above, with additional guarantee to replace them if not purely mated.

Tested Queens. These are taken from full stocks where there are plenty of hatching bees and are known to be purely mated and prolific.

Selected Tested Queens. These are selected from tested queens and are the very best we have and are suitable to breed from as mother queens.

Price of Leather Color and Domestic Queens.

	APRIL MAY	JUNE	JULY TO OCT.
Untested	$2.00	$1.50	$1.00
Warranted	2.50	1.75	1.25
Tested	3.00	2.50	2.00
Selected tested	4.00	3.50	3.00
Vergin Queen, our very best home bred stock, June to September, each			.50

If you wish select untested or select warranted add 25 cents each to the above prices. Anyone wishing ½ dozen or more queens in one shipment will please write for our prices.

We aim to fill all queen orders by return mail, unless the weather is altogether too unfavorable we are usually able to do this. For all early orders customers will please state just when delivery must be made or how many days you can possibly wait for the queen, this will often save further correspondence and annoying delays. On account of the heavy demand for early queens, and our inability to produce large numbers of these we are obliged to advance our early prices slightly in order to be better prepared to supply our customers who must have early stock. Even at the prices quoted it is very hard to supply queens during April and May.

Fig. 334. One Story Simplicity Hive

One Story Simplicity Hive

While this hive is made either in the Cary or Langstroth size we recommend the Cary. It is furnished with 10 brood frames without foundation, with foundation starters or with full sheets, according to the way you order.

It consists of a bottom-board, a cover, and body or brood chamber. No super or honey storing chamber is included with this hive at the following prices but you order separately, any style super listed on another page to use on this hive.

Price List of One-Story Simpliciiy Hive; No Super or Upper Story

The one-story simplicity hive includes cover, bottom and brood chamber, with tin rabbets and ten brood frames furnished in either Cary or Langstroth sizes as designated by letters and numbers	Designating letters and numbers for the Cary and Langstroth sizes	Nailed and painted each	In Flat 1 Hive	In Flat 5 Hives
1 story simplicity hive, no super or upper story. with frames, no foundation starters	B Rc 5-Cary	$2.55	$1.85	$8.65
	B Rc 5-Lang.	2.70	2.00	9.45
1 story simplicity hive with frames and 1 inch foundation starters, no super or upper story	B Rc 6-Cary	2.65	1.95	8.90
	B Rc 6-Lang.	2.80	2.10	9.70
1 story simplicity hive with frames with full sheets of foundation, no super or upper story	B Rc 7-Cary	3.55	2.60	12.00
	B Rc 7-Lang.	3.90	2.85	13.55

Simplicity Hive for Comb Honey 1½ and 2 Story.

This hive is exactly like the first one shown above, with the addition of one or more supers as you may order. The super of this hive is 4¾ inches deep, with slotted section-holders, slotted wood separators and springs or with 4¼ x4¼x1⅞ two beeway sections and foundation starters, or with full sheets foundation. We sell more of these hives than of any other; it is an old standard but still very popular.

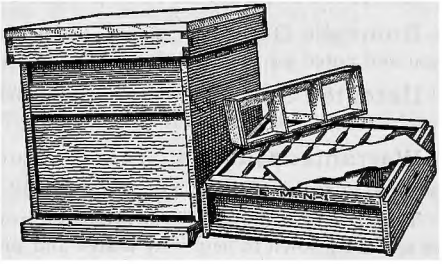


Fig. 337. 1½ Story Simplicity Hive for comb honey taking 4¼x4¼ x1⅞ inch beeway section.

Price List of Simplicity Hives Taking 4¼x4¼x1⅞ Beeway Section

The one and one-half story simplicity hive includes a cover, bottom, brood chamber, and one super, with inside fixtures. Two-story hive includes the same with one ex. sup. Each hive is furnished in either Cary or Lang. size.	Designating letters and numbers for the Cary and Langstroth sizes	Nailed and painted each	In Flat 1 Hive	In Flat 5 Hives
1½ story hive for comb honey in 4¼x4¼x1⅞ bee-way sections, without sections or foundation starters	B Rc 52 S-Cary	$3.45	$2.55	$11 65
	B Rc 51 S-Lang.	3.65	2.75	12.70
1½ story hive for comb honey in 4¼x4¼x1⅞ beeway sections, including sections and 1 inch foundation starters	B Rc 64 S-Cary	3.90	2.90	13.15
	B Rc 64 S-Lang.	4.15	3 15	14.45
1½ story hive for comb honey in 4¼x4¼x1⅞ bee-way sections, including sections and full sheets foundation	B Rc 71 S-Cary	5.25	3.75	17.50
	B Rc 71 S-Lang.	5.75	4.20	19.80
2 story hives for comb honey in 4¼x4¼x1⅞ bee-way sections, without sections or foundation starters	B Rc 522 S-Cary	4.45	3.25	14 65
	B Rc 522 S-Lang	4.60	3 50	15.95
2 story hive for comb honey in 4¼x4¼x1⅞ bee-way sections. including sections, and 1 in. foundation starters	B Rc 644 S-Cary	5.15	3.85	17.55
	B Rc 644 S-Lang.	5.50	4.20	19.20
2 story hive for comb honey in 4¼x4¼x1⅞ bee-way sections, including sections and full sheets foundation	B Rc 711 S-Cary	6.95	4.95	23.25
	B Rc 711 S-Lang.	7.60	5.55	26.05

Options. Metal spaced frames may be substituted. Deep super taking plain 4x5x1⅜ sections to fit the Cary and Langstroth hives at same price.

One Story Simplicity Langstroth Hive.

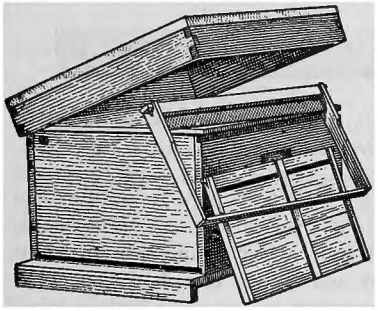


Fig. 335. One Story Lang. Simplicity Hive.

This hive fig. 335 is one of the best styles in the market today and is preferred by many. It is similar in construction to the dovetailed style, comprising all of the important features, and has the additional advantage of the rabbets which enables one to tier up the hives or supers without danger of their being easily knocked out of place. The body is 16¼x20x 9½ deep and is strong in construction, the corners being grooved and rabbeted so as to be nailed both ways. Cement coated nails of proper sizes are included to nail material. This hive body will take plain Langstroth, Hoffman end spaced, metal spaced and thick top stapled spaced brood frames. The cover is the new metal roof, telescoping the body a little, including a metal bound super cover. If this cover has occasionally a coat of our hive paint it will last a long time and positively no leaking, which is a great advantage over the old styles that are frequently leaking and soiling the comb-honey sections. The bottom board regularly furnished with this outfit is the old style B bottom board of ⅞ inch stock, with cleats running crosswise as shown in the cut and for the average beekeeper it equals new style Danzenbaker Bottom which can be used by removing the rabbets at bottom of hive.

For prices of this outfit refer to table of prices on the preceding page, Langstroth size.

This hive is the same as shown above with the addition of one or more supers as you may order. One super is furnished with 1½ story hive, two supers with two story hive. The supers fit upon the body upon each other, and are interchangeable, furnished regular depths to take either comb honey sections or shallow extracting frames as ordered. Comb honey supers are fitted to take 4¼x1⅞, 4¼x 1½ or 4x5x1⅜ honey sections, with section holders, separators or fences and metal rests. The extracting supers take the shallow extracting frames, 5⅜x17⅝. This super is especially adapted for extracting honey produced in localities where the honey flow is short and the colonies are of moderate strength, as a full story added to such colonies at the start would make it too cold for the bees to do good work, as with the ½ story you can add more room from time to time, as the strength of the colonies will permit. For most parts of our State we strongly recommend the extracting super for honey production. These supers can be slid on from one end and thus avoid crushing any of the bees as you will observe by the cut. The same assortment of supers as used on the dovetailed hives may be used on this hive if need be.

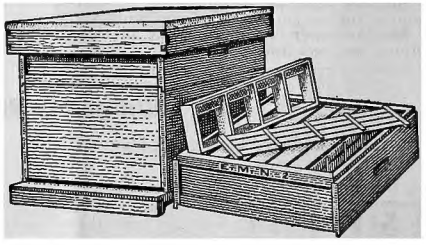


Fig. 336. 1½ Story Simplicity Hive for Comb Honey taking 4¼x4¼x1½ Plain Sections

Price List of Simplicity Brood Chambers or Hive Bodies.

Hive-bodies or brood chambers are furnished empty or with frames and followers or with inch foundation starters of full sheets. No cover or bottom included at these prices.	Designating letters and numbers for Hives	Nailed and painted each	In Flat 1 Body	In Flat 5 Bodies	WEIGHT OF 5 BODIES
Empty bodies including nails and tin rabbets no inside fixtures	Empty body Cary	$ .77	$ .57	$2.75	46
	Lang.	.80	.60	2.85	48
Body with frames and division board no foundation	5-Cary	1.20	.90	4.20	62
	5-Lang.	1.30	1.00	4.70	72
Bodies with frames and division board and with inch foundation starters	6-Cary	1.30	1.00	4.45	63
	6-Lang.	1.40	1.10	4.95	73
Body with frames, division board and full sheets foundation	7-Cary	2.20	1.60	7.55	68
	7-Lang.	2.50	1.85	8.80	80

Send for free booklet "Essentials of a Good Smoker."

Simplicity Slotted-Section Super

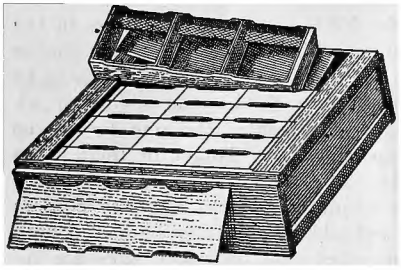


Fig. 7. Slotted Section Super

This Super takes 4¼x4¼x1⅞ beeway sections.

This is a shallow super 4¾ inches deep, and is made either Cary or Langstroth size, it takes slotted section holders, slotted wood separators, and springs, or with 4¼x4¼x1⅞ beeway sections and 1 inch foundation starters, or with full sheets. This is the old style of super and sections most commonly used, and the one to order if you prefer to use square beeway sections 4¼x4¼x1⅞. These may be tiered up two or more high in safety as they are rabbeted to fit the hive.

Price List of Simplicity Supers taking 4¼x4¼x1⅞ Beeway Sections.

The slotted section super is 4¾ inches deep and includes V shape tins, slotted section holders, slotted separators and springs. Furnished in either Cary or Langstroth sizes.	Designating letters and numbers for the Cary and Langstroth Sizes	Nailed and Painted each	In Flat 1	In Flat 5
Shallow super for comb honey in 4¼x4¼x1⅞ bee-way sections, no section or foundation starters	2 S-Cary	$ .85	$ .65	$ 2.75
	2 S-Lang.	.90	.70	3.00
Shallow super for comb honey in 4¼x4¼x1⅞ bee-way sections' inc. sec. and 1 inch foundation starters	4 S-Cary	1.20	.90	4.15
	4 S-Lang.	1.30	1.00	4.50
Shallow super for comb honey in 4¼x4¼x1⅞ bee-way sections, inc. sec. and full sheets	1 S Cary	1.65	1.15	5.50
	1 S-Lang.	1.80	1.30	6.00

Simplicity Plain Section Super

This Super takes 4¼x4¼x1½ plain sections.

This is plain section super 4¾ inches deep and is made in either Cary or Langstroth size. It takes plain sections, holders and special P fences with springs, without sections, or with 4¼x4¼x1½ plain sections and foundation starters, or full sheets. A fence is used between each row of sections and securely clamped in place with three springs on one side.

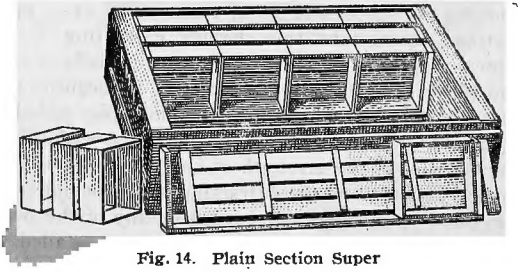


Fig. 14. Plain Section Super

Price List of Simplicity Supers taking 4¼x4¼x1½ Plain Sections.

The plain section super is 4¾ inches deep and includes V shaped tins, springs, plain section holders and special P fences. Furnished in either Cary or Langstroth sizes.	Designating letters and numbers for the Cary and Langstroth	Nailed and Painted each	In Flat 1	In Flat 5
Shallow super for comb honey in plain no bee-way sections 4¼x4¼x1½, no sections or foundation starters	2 P-Cary	$ .90	$ .70	$ 3.00
	2 P-Lang.	.95	.75	3.25
Shallow super for comb honey in plain or no bee-way sections 4¼x4¼x1½ including sections and 1 inch fnd. starters,	4 P-Cary	1 25	.95	4.40
	4 P-Lang.	1.35	1.05	4.75
Shallow super, for comb honey in plain or no bee-way sec. 4¼x4¼x1½ including sections and full sheets fdn	1 P-Cary	1.70	1.20	5.75
	1 P-Lang.	1.85	1.35	6.25

Price List of Simplicity Super for Extracted Honey or Sectional Brood-Chambers.

The super (5⅝ inches deep) is furnished empty or with shallow 5⅜ inch frames and follower or including foundation starters or full sheets of foundation furnished in either Cary or Langstroth size.	Designating letters and numbers for the Cary and Langstroth sizes	Nailed and Painted Each	In Flat	
			1 Super	5 Supers
Empty deep super 5⅝ inches deep with nails, no other inside fixtures	Deep —Cary Super Lang.	$ .50 .53	$ .33 .35	$1.55 1.60
Extracting super (5⅝ inches deep) including shallow 5⅜ inches) Hoffman frames and followers, no foundation	8—Cary 8—Lang.	.80 .85	.60 .65	2.60 2.90
Extracting super (5⅝ inches deep) including shallow (5⅜ inches) Hoffman frames and followers, 1 inch fdn. starters	9—Cary 9—Lang.	.95 1.00	.80 .85	3.15 3.45
Extracting super (5⅝ inches deep) including shallow (5⅜ inch) frames and followers with full sheets foundation	0—Cary 0—Lang.	1.65 1.70	1.05 1.15	4.75 5.25

Winter-cases for Single-walled Hives.

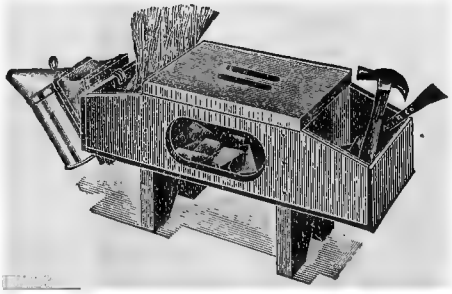
We are prepared to furnish winter-cases with a telescoping cap to set over the Cary or Langstroth Simplicity, Root dovetail or Danzenbaker hives. Packing material is poured between the cases and the hives and on top. The telescopic cover sets over the whole.

Winter-case, with cover, complete, nailed, painted $1.80
Winter-case, with cover, complete, in flat each 1.45
Winter-case, with cover, complete, in flat, five 6.80

Price List of Root Smokers.

Name	Size of Barrel	Price of 1	Price of 5	Weight each
Jumbo (Tin)	4 inch	$1.25	$5.75	2¼ lbs.
Jumbo (Non-rust Metal)	4 "	1.75	8.25	2¼ "
Standard (Tin)	3¼ "	.85	3.75	2 "
Standard (Non-rust Metal)	3¼ "	1.35	6.25	2 "
Junior (Tin)	2⅛ "	.55	2.50	1¼ "

Hive-seat and Tool-box.



A suitable tool-box is a great labor-saving device in an apiary; and one who has not used something of this kind has no idea of its convenience when combined with a comfortable seat. The two outside compartments are large enough for the various tools that are needed, and in the space below the seat there is room for queen cages, cells, hive-records, etc. Much time is often lost in running from one end of the hive to the other for small tools and supplies, and this combined seat and tool-box saves all this. We have used this form of seat in our yard for years. Price in the flat, 75 cents each; nailed and painted, $1.50; no tools included.

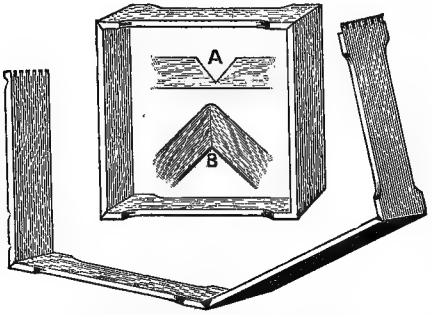
Price List of Comb Foundation.

In ordering foundation be sure to tell which grade and size you want, and give price.

Name of Grade	When Used	Regular Sizes Furnished	Price		
			1 lb.	5 lbs.	10 lbs.
Medium Brood	In brood-nest and extracting-frames	7⅞x16¾ for L. frame; 6⅛x16 for Danz.; 4½x16¾ for shal. fr.; 9¾x13 for Cary	67c	65c	63c
Light Brood			69c	67c	65c
Thin Super	In sections for surplus comb honey	3⅞x16⅛ for 4¼ sec.. 3 1/4 x14¼ for 4x5 sec.	75c	72c	70c
Extra Thin Super			80c	75c	73c

Large quanties furnished at lower prices, which will be quoted on application.

Price List of Sections.



4¼x4¼x1⅞ BEEWAY SECTIONS
styles 1, 2, 3, and 4 Beeway

We send 1⅞ style 2 beeway, when your order does not specify style or width wanted.

No.	A	B	Weight
100	$ .85	$ .75	7 lbs.
250	1.75	1.60	18 "
500	3.00	2.75	35 "
1000	5.75	5.25	70 "

PLAIN OR NO BEEWAY SECTIONS
4¼x4¼x1⅞; 4x5x1⅞.

We send 4¼x1⅞ plain, or what will fit other items in your order, if you do not specify.

No.	A	B	Weight
100	$ .85	$ .75	6 lbs.
250	1.75	1.60	15 "
500	3.00	2.75	30 "
1000	5.50	5.00	60 "

If sections are wanted by mail, refer to parcel post on third cover page. Regular sections ordered put up will be $1.50 per 100 without foundation starters; $2.00 per 100 with inch starter; and $3.00 per 100 with full starters. It is difficult and expensive to pack them to ship safely put up.

Prices of large quantities quoted on application. Full starters are fastened on three sides.

Miscellaneous Articles for the Simplicity Hives and Supers.

Slotted Section-holders, per 100, C. S. 13½ in. long; L. S. 18⅛ in. long.	$2.30
Same with separators, per 100, C. S. 12½ in. long; L. S. 18⅛ in. long	3.50
Slotted sawed separators, per 100, C. S. 12½ in. long; L. S. 18⅛ in. long	1.20
Plain sawed separators, per 100	1.00
Plain section holders, per 100	2.00
I. P. S. T. and L. fence separators or sizes to fit the simplicity supers, per 100	2.30
Plain division boards Cary size 10¾x14, or Langstroth sizes 9⅛x17⅝	.10
Tin bee feeder with wooden floats, capacity six pounds	.40
Wood and zinc excluders, Cary size 15x17	.40
Wood and zinc excluders, Lang. size 15x20	.45
Wood and wire excluders, Cary size 15x17, 7 wire	.50
Wood and wire excluders, Lang. size 15x20, 7 wire	.55
Three wire strips, 16 and 19 inches, per 100	3.00

Frames

	OUTSIDE MEASURE	Nailed per 100 EMPTY	WITH FDN. STARTERS	WITH FULL SHEETS	In flat NO FOUNDATION 10.	100
Free hanging for Cary hive	10¾x14	$5.00	$6.00	$16.00	.40	$3.50
Free hanging for Langstroth	9⅛x17⅝	5.00	6.00	16.00	.40	3.50
Metal Spaced for Cary hive	10¾x14	6.00	7.00	17.00	.45	4.20
Metal Spaced for Lang. hive	9⅛x17⅝	6.00	7.00	17.00	.45	4.20
Shallow Extracting Cary size	5⅜x13⅝	4.00	5.00	10.00	.30	2.70
Shallow Extracting Lang. size	5⅜x17⅝	4.00	5.00	11.00	.30	2.70
Hoffman frames	9⅛x17⅝	5.00	6.00	16.00	.40	3.50

We can furnish shallow frames 4½ in. deep for use in shallow (4¾ in.) Root dovetailed super, at same price as regular (5⅜ in.) shallow frame.

All frames will be pierced for wire, if wire is wanted with frames in flat 15c per 100 extra. Metal spacers 40c per 100.

Byard's Universal Foundation Fastener.

We are now able to offer a machine for fastening foundation in either 4¼x1⅞ or 4x5 sections; known as the Universal Flexible-Plate Foundation Fastener. This is by all odds the best ever put on the market for fastening foundation starters into sections. We feel free to say this as it has given perfect satisfaction in our section room for the past four seasons and is also endorsed by the largest honey producers in New England besides being the favorite among a great many of the smaller users of foundation machines. It has a great many advantages over other machines now in use. In most machines a flat plate that comes either in direct contact with or is suspended directly over the section is used. From this plate dripping wax or soot is sure to soil the section. In some machines the block entering the starters is near the heat of the lamp and often gets so hot that it becomes necessary to suspend operation until the block has been cooled.

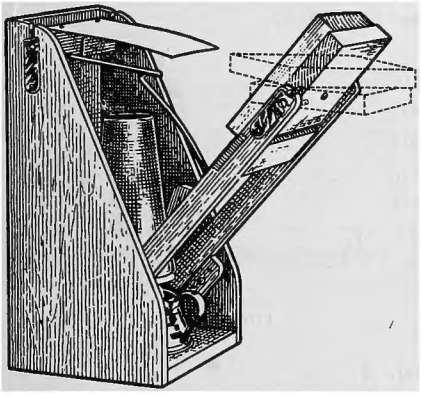
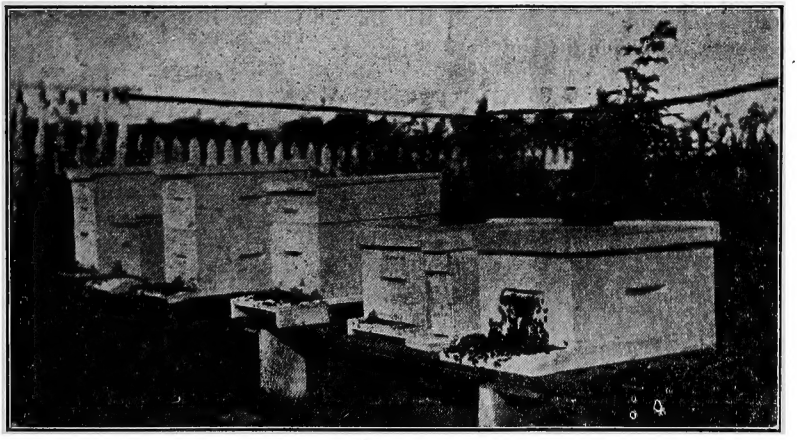


Figure 22.

Price with Lamp $2.50
Price without 2.25
Weight complete 3¾ lbs.

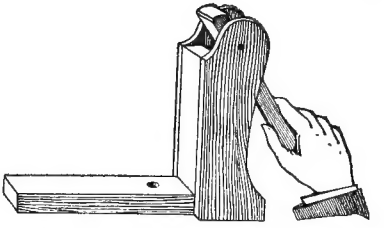
With this machine all wax adhering to plate is deposited on the inside of the section where the foundation starters is fastened. This makes a brace that you cannot get with other machines, besides the wax is not dripping and wasting. When the section is brought into position to receive the starter the flexible plate comes in contact with and heats the wood a little where the starter is to be fastened; this too helps to make a neat and firm job. As soon as the starter is fastened the block that centers the starter falls back in position away from the heat, keeping it cool at all times. A small kerosene lamp with metal chimney is placed under the large plate. A lamp thus equipped will heat the plate without depositing soot. Both top and bottom starters can be fastened in sections without removing the section from the machine. For those who use both top and bottom starters in sections will find this alone worth the price of a machine in one season. This machine can be fastened to the front of your bench with two screws in such a position as to make it convenient for one to operate the machine handily when sitting in a chair, and this leaves the whole top of the bench for sections, foundation or any thing you may choose to use it for. With this device you can prepare more sections per hour, and it is plain to be seen that the work will be stronger and cleaner.



Reared from a three frame nucleus bought in the Spring.

R. G. C. Section Press

We are now able to offer you a section press which is unequal to any yet offered at this price ; this section press is made in two sizes, one taking all 4¼ sections and one taking all sections having one side 5 inches, like the 4x5, or in other words the two sizes of presses will press the joints of every standard section made, and make every joint perfectly square and can be very easily operated by any one able to lift ten pounds.



Price each $ .50

OUTFIT No. 3.

One full colony of bees in any single wall hive, complete with queen,	$12.00
One pair Bee Gloves	.60
One Nickeled Steel Hive Toot	.40
One Glove Bee-veil	1.00
Two extra comb honey supers	3.50
One Standard Root Smoker	.85
One A. B. C. and X. Y. Z. Bee Culture	2.50

SPECIAL OFFER FOR $20.00

Including any one of the following bee papers for one year. Gleanings in Bee Culture, a semi-monthly Magazine. The American Bee Journal for the Bee Keepers' Review. Post paid one year to any one in the United States.

GRAFTING WAX.

We have been making a Grafting Wax that has met the demands of the local fruit growers and are prepared to furnish in any quantity.

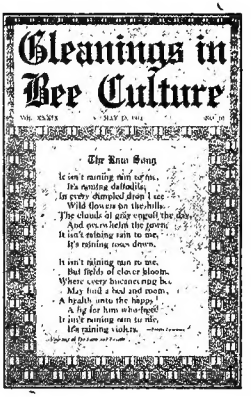
Price per stick	10 cents
Price per pound	50 cents

Beginner's Outfit for a Start in Bees.

Many prospective bee-keepers write me each year stating that they wish to make a start in bees but are unable to make a choice from the catalog. For the guidance of such I have made up several lists, any one of which will make a nice start in bees.

OUTFIT No. 1

Full colony of bees with queen in 10 frame Cary or Root hive complete with super and sections	$12.00
Two winter cases for above	4.00
Empty hive complete for hiving new swarm	3.80
One extra comb honey super	1.30
Standard Root Smoker	.85
A. B. C. & X. Y. Z. of Bee Culture (730 pages)	2.50
One pair of bee gloves (small, medium or large size	.60
1 No. 2 Bee-veil	.70
One nickeled steel hive tool	.40

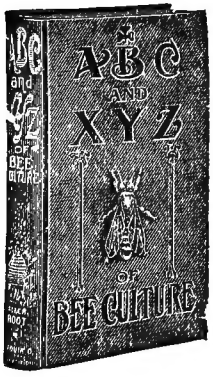


Gleanings in Bee Culture

SPECIAL OFFER FOR $25.00.

With any of the following leading magazines, FREE. Gleanings, American Bee Journal or Bee Keepers' Review, Post paid one year to any address in the United States.

OUTFIT No. 2.



A. B. C. & X. Y. Z. of Bee Culture, $2.50

The purchaser of limited means can well afford this outfit which has been carefully selected. The bees are the best Italian stock on straight worker comb built in wired frames. All articles are strictly first-class in every respect. Satisfaction guaranteed.

Gleaning in Bee Culture, post paid, 1 year	$1.00
A Biggle Bee-Book	.50
A Junior Root Smoker	.65
One bee-veil	.35
Full colony of bees in Cary Simplicity hive complete with queen	12.00

SPECIAL OFFER FOR $15.00.

Including the latest edition of A. B. C. & X. Y. Z. of Bee Culture. This is the leading book of its kind in the country.

In many cases a return of $10.00 in honey has been secured the first year from just such outfits as offered above, and in addition one and possibly two swarms may be secured; this is not an uncommon occurrence when conditions are at all favorable.

USE THIS COUPON

Inclosed $.....for combinations checked.

Name.....

Address.....

Send for free Booklet "Back Yard Bee-Keeping."

1917

January.

S	M	T	W	T	F	S
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
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March.

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April.

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May.

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June.

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24	25	26	27	28	29	30

July.

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August.

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September.

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October.

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21	22	23	24	25	26	27
28	29	30	31	.	.	.

November.

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	.

December.

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16	17	18	19	20	21	22
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